



1765  
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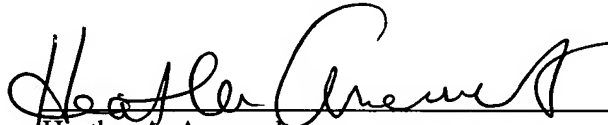
PATENT  
Attorney Docket No. EVG-018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Emanuel Michael Sachs      GROUP NO.: 1765  
SERIAL NO.: 10/688,864      EXAMINER: Not Yet Assigned  
FILING DATE: October 17, 2003  
TITLE: Method and Apparatus for Crystal Growth

***CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8***

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 2nd day of July, 2004.

  
(Heather A. Arsenault)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

Transmittal form (1 pg.); Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address, Appendices A and B (3 pgs.); and Return receipt postcard. All submitted under this certificate of first class mailing, under 37 C.F.R. § 1.8.



# TRANSMITTAL FORM

Application Serial Number	10/688,864
Filing Date	October 17, 2003
First Named Inventor	Emanuel Michael Sachs
Group Art Unit	1765
Examiner Name	Not Yet Assigned
Attorney Docket No.	EVG-018
Patent No.	Not applicable
Issue Date	Not applicable

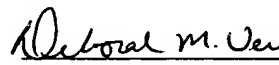
## ENCLOSURES (check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]<br><br><input type="checkbox"/> Petition for Extension of Time<br><br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)<br><br><input type="checkbox"/> Formal Drawing(s)<br><br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><input checked="" type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> CD(s) for large table or computer program<br><br><input type="checkbox"/> Amendment After Allowance<br><br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><br><input type="checkbox"/> Appeal Brief (in triplicate)<br><br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|--|---|---|

## CORRESPONDENCE ADDRESS

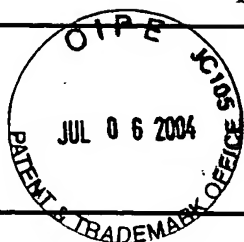
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Respectfully submitted,  
  
  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

The assignee of record of the entire right, title, and interest of the U.S. patent applications identified in Appendix A and the patents identified in Appendix B hereby revokes all previous powers of attorney, and requests that the **U.S. Patent and Trademark Office** appoint the practitioners associated with

**Customer Number: 42532**

as attorney(s) and/or agent(s) to prosecute and transact all business in the U.S. Patent and Trademark Office in connection therewith. Customer Number 42532 is assigned to Proskauer Rose LLP, One International Place, 14<sup>th</sup> Floor, Boston MA 02110-2600.

Assignee also hereby grants an additional Power of Attorney to the attorney(s) and/or agent(s) named below to file and prosecute **foreign national patent applications** in any and all countries of the world, regional patent applications under the European Patent Convention and/or international applications under the Patent Cooperation Treaty based upon the patent applications identified in Appendix A and the patents identified in Appendix B, including a power to meet all designated office requirements for designated states.

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Jennifer A. Camacho	Reg. No.: 43,526	Robert S. Mayer	Reg. No.: 38,544
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Evan L. Kahn	Reg. No.: 35,912	Baldassare Vinti	Reg. No.: 43,970
Sergey Kolmykov	Reg. No.: 47,713	Gerald E. Worth	Reg. No.: 45,238

Please change the correspondence address for all of the patent applications identified in Appendix A and all of the patents identified in Appendix B to the address associated with:

**Customer Number: 42532**

The assignee of record of the entire right, title, and interest of the patent applications identified in Appendix A and the patents identified in Appendix B, in accordance with 37 C.F.R. § 3.73(b), is **Evergreen Solar, Inc.**, organized and existing under the laws of the Commonwealth of Massachusetts, having a usual place of business at **259 Cedar Hill Street, Marlboro, Massachusetts 01752-3004**.

**SIGNATURE OF ASSIGNEE OF RECORD**

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Name:	Dr. Jack I. Hanoka		
Title:	Vice President, Chief Technical Officer		
Signature			
Date	JUNE 25, 2004	Telephone No.	(508) 357-2221 x719

# APPENDIX A – U.S. PATENT APPLICATIONS OWNED BY EVERGREEN SOLAR, INC.

Docket No.	USSN	Title	Filing Date	Recordation Information
EVG-015	10/215,319	Method and Apparatus for Doping Semiconductors	Aug. 8, 2002	From the Inventor(s) to Evergreen Solar, Inc., recorded on 4/28/03 at Reel No. 014005, Frame No. 0574 in the US Patent and Trademark Office.
EVG-016	10/247,757	High Yield Method for Preparing Silicon Nanocrystals with Chemically Accessible Surfaces	Sept. 19, 2002	From the Inventor(s) to Evergreen Solar, Inc., recorded on 12/2/02 at Reel No. 013543, Frame No. 0238 in the US Patent and Trademark Office.
EVG-017	10/284,067	Method and Apparatus for Growing Multiple Crystalline Ribbons from a Single Crucible	Oct. 30, 2002	From the Inventor(s) to Evergreen Solar, Inc., recorded on 4/28/03 at Reel No. 014028, Frame No. 0651 in the US Patent and Trademark Office.
EVG-018	10/688,864	Method and Apparatus for Crystal Growth	Oct 17, 2003	From the Inventor(s) to Evergreen Solar, Inc., filed with the US Patent and Trademark Office on 4/12/04 copy enclosed.

# APPENDIX B – U.S. PATENTS OWNED BY EVERGREEN SOLAR, INC.

Docket No.	U.S. Patent No.	Title	Issue Date	Filing Date	Recordation Information
EVG-005	5,620,904	Methods for Forming Wraparound Electrical Contacts on Solar Cells	Apr. 15, 1997	Mar. 15, 1996	From the Inventor(s) to Evergreen Solar, Inc., recorded on 3/15/96 at Reel No. 007915, Frame No. 0439 in the US Patent and Trademark Office.
EVG-006	5,741,370	Solar Cell Modules with Improved Backskin and Methods for Forming Same	Apr. 21, 1998	Jun. 27, 1996	From the Inventor(s) to Evergreen Solar, Inc., recorded on 6/27/96 at Reel No. 008056, Frame No. 0903 in the US Patent and Trademark Office.
EVG-007	5,762,720	Solar Cell Modules with Integral Mounting Structure and Methods for Forming Same	Jun. 9, 1998	Jun. 27, 1996	From the Inventor(s) to Evergreen Solar, Inc., recorded on 6/27/96 at Reel No. 008078, Frame No. 0687 in the US Patent and Trademark Office.
EVG-006CP	5,986,203	Solar Cell Roof Tile and Method of Forming Same	Nov. 16, 1999	Nov. 4, 1997	From the Inventor(s) to Evergreen Solar, Inc., recorded on 5/26/98 at Reel No. 009256, Frame No. 0978 in the US Patent and Trademark Office.
EVG-013	6,090,199	Continuous Melt Replenishment for Crystal Growth	Jul. 18, 2000	May 3, 1999	From the Inventor(s) to Evergreen Solar, Inc., recorded on 8/20/99 at Reel No. 010177, Frame No. 0907 in the US Patent and Trademark Office.
EVG-008	6,114,046	Encapsulant Material for Solar Cell Module and Laminated Glass Applications	Sep. 5, 2000	Jul. 24, 1997	From the Inventor(s) to Evergreen Solar, Inc., recorded on 7/24/97 at Reel No. 008747, Frame No. 0797 in the US Patent and Trademark Office.
EVG-010DV1	6,146,483	Decals and Methods for Providing an Antireflective Coating and Metallization on a Solar Cell	Nov. 14, 2000	July 1, 1999	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/12/97 at Reel No. 008710, Frame No. 0415 in the US Patent and Trademark Office.

Docket No.	U.S. Patent No.	Title	Issue Date	Filing Date	Recordation Information
EVG-008CP	6,187,448	Encapsulant Material for Solar Cell Module and Laminated Glass Applications	Feb. 13, 2001	March 6, 1998	From the Inventor(s) to Evergreen Solar, Inc., recorded on 11/19/99 at Reel No. 010430, Frame No. 0585 in the US Patent and Trademark Office.
EVG-012	6,200,383	Melt Depth Control for Semiconductor Materials Grown From a Melt	Mar. 13, 2001	May 3, 1999	From the Inventor(s) to Evergreen Solar, Inc., recorded on 8/26/99 at Reel No. 010186, Frame No. 0715 in the US Patent and Trademark Office.
EVG-010DV2	6,206,996	Decals and Methods for Providing an Antireflective Coating and Metallization on a Solar Cell	Mar. 27, 2001	Jul. 1, 1999	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/12/97 at Reel No. 008710, Frame No. 0415 in the US Patent and Trademark Office.
EVG-013DV	6,217,649	Continuous Melt Replenishment for Crystal Growth	Apr. 17, 2001	Jan. 13, 2000	From the Inventor(s) to Evergreen Solar, Inc., recorded on 8/20/99 at Reel No. 010177, Frame No. 0907 in the US Patent and Trademark Office.
EVG-010	6,278,053 B 1	Decals and Methods for Providing an Antireflective Coating and Metallization on a Solar Cell	Aug. 21, 2001	Mar. 25, 1997	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/12/97 at Reel No. 008710, Frame No. 0415 in the US Patent and Trademark Office.
EVG-011	6,320,116	Methods for Improving Polymeric Materials for Use in Solar Cell Applications	Nov. 20, 2001	Sept. 26, 1997	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/26/97 at Reel No. 008741, Frame No. 0059 in the US Patent and Trademark Office.
EVG-009	6,353,042	UV Light Stabilization Additive Package for Solar Cell Module and Laminated Glass Applications	March 5, 2002	Jul. 24, 1997	From the Inventor(s) to Evergreen Solar, Inc., recorded on 3/6/98 at Reel No. 009029, Frame No. 0914 in the US Patent and Trademark Office.
EVG-010DV3	6,479,316	Decals and Methods for Providing an Antireflective Coating and Metallization on a Solar Cell	Nov. 12, 2002	Jul. 1, 1999	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/12/97 at Reel No. 008710, Frame No. 0415 in the US Patent and Trademark Office.
EVG-011DV	6,586,271	Methods for Improving Polymeric Materials for Use in Solar Cell Applications	Jul 1, 2003	Feb. 9, 2001	From the Inventor(s) to Evergreen Solar, Inc., recorded on 9/26/97 at Reel No. 008741, Frame No. 0059 in the US Patent and Trademark Office.